

CIRM RFA 07-03  
 Application # FA1-00617-1  
 Functionality Score: B  
 Value Score: B+

Overall, this proposal puts forward a typical floor plan seen in many of the applications with the offices along one side of the building and the laboratories directly coupled with the support spaces and cores. This is a very efficient layout maximizing the amount of asf on a floor for research. The requested CIRM funds are for build-out of the shell on 4<sup>th</sup> floor of a new state funded biomedical research building.

## Functionality

Boston	Flexibility within the laboratory casework is accomplished through the combined use fixed and
New York	movable system. This is an economical way to reach a balance of cost vs. flexibility. The
Baltimore	casework islands have suspended overhead shelving, totally uncoupling the benches below
Washington DC	from any fixed utilities, and making for easy changing out casework as necessary.
Buffalo	The assignment of 6 PIs onto the 4 <sup>th</sup> floor results in a lower asf/researcher than the average,
Toronto	however, it locates a critical mass of researchers together with their own conference room and
Chicago	interaction area in a much larger multidisciplinary science building.
St. Louis	The laboratory support spaces are adjacent and open to the lab allowing for easy access and
Calgary	sharing. The ratio of lab to support is 1: 0.60 which is low in modern research facilities. There
Vancouver	are no specialized instrument cores within the CIRM space. The dedicated core support spaces
Victoria	consist of a large Cell Culture Core and Vivarium Core within the larger building vivarium. The
San Francisco	cell culture core is a multi user facility with multiple biosafety cabinets and incubators, which will
Los Angeles	require good protocols and management to prevent contamination.
Shanghai	

## Value

	00617-1	Special Prgm	Range
The Net/Gross sf ratio of the overall building	66.0%	65%	62.6% - 66.6%
The Project (PWC) cost / gsf	\$502*	\$568	\$342 - \$860
The asf of Lab + Lab Support + PI Office space / PI	1,334	1,035	253 – 2,521
The ratio of Lab to Lab Support	1:0.60	1:0.48	1:0.36 – 1:0.66
The asf Core / PI	634	524	275 - 664
The group 2 equipment budget / PI	\$3,310	\$226,916	\$3,310 - \$57,250
CIRM funds / PI	\$1,444,167	\$1,219,756	\$.641M - \$1.574M

\* TI cost only

The campus is providing the shell and is asking CIRM to fund the build-out of their own space in a larger interdisciplinary science building.